## (19) World Intellectual Property Organization International Bureau



## 1 (BATH BUNDON H BORRA NON ARKH BORDA BUN KATU BORDA KATU BORDA BUNDA BUNDA BUNDA BUNDA BUNDA BUNDA BUNDA BUND

(43) International Publication Date 31 March 2005 (31.03.2005)

(10) International Publication Number WO 2005/028510 A2

(51) International Patent Classification7:

C07K 16/00

(21) International Application Number:

PCT/RU2004/000373

(22) International Filing Date:

24 September 2004 (24.09.2004)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

2003128660

25 September 2003 (25.09.2003)

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS, KITS, AND COMPOSITIONS FOR THE DEVELOPMENT AND USE OF MONOCLONAL ANTIBOD-IES SPECIFIC TO ANTIGENS TRADITIONALLY OF LOW IMMUNOGENICITY

(57) Abstract: The invention relates to the development and use of monoclonal antibodies specific to antigens traditionally of low immunogenicity. The present invention provides methods of producing monoclonal antibodies by chemically conjugating the antigen of interest to a carrier molecule that enables the immune system to respond to immunization with the conjugated antigen. The invention also provides particular compositions of conjugated antigens as well as of monoclonal antibodies specific for those conjugated antigens. The present invention also provides kits for use in detecting disease conditions using the monoclonal antibodies.

